

1. Product and Company Identification

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Product Name **RXSOL-20-2007-025**

Product Type **HCF REMOVER-II**

Company Details:

RX MARINE INTERNATIONAL 105, A wing , BSEL , TECH PARK. VASHI ,NEW BOMBAY 400703 INDIA

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2. Composition / Information on ingredients

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* Chemical characterization

* Description: Mixture of the substances listed below with harmless additions.

* Dangerous components:

CAS : 111-76-2 2-butoxyethanol Xn; R 20/21/22-36/38 5-10%

EINECS : 203-905-0

Alco Xi; R 38

CAS : 112-34-5 2-(2-butoxyethoxy)ethanol Xi; R 36 2.5-5%

EINECS : 203-961-6

*See Section 16

3. Hazards Identification

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Chemical characterization

Description

Mixture of substances listed below with nonhazardous additions. Cleansing agent

Dangerous components

non-ionic surfactants Xn, Xi; R 22-41 10-25 % CAS: 111-76-2

Einecs

203-905-0 2-butoxyethanol Xn, Xi; R 20/21/22-36/38 2.5-10%

4. First Aid Measures

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General Information

Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; observation for at least 48 hours after the accident.

After inhalation

Supply fresh air; consult doctor in case of complaints.

After skin contact

Generally the product does not irritate the skin.

After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Call for a doctor immediately

5. Fire-fighting Measures

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Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment

No special measures required.

6. Accidental Release Measures

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Person-related safety precautions

Wear protective clothing.

Measures for environmental protection

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).Dispose contaminated according to item 13.Ensure adequate ventilation.Dispose Of The Material Collected According To Regulations.

7. Handling and Storage

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Handling

Information for safe handling

Store in cool, dry place in tightly closed receptacles..Prevent formation of aerosols.

Information about fire- and explosion protection

No special measures required.

Storage

Requirements to be met by storerooms and receptacles

No special requirements.

Information about storage in one common storage facility

Not required.

Further information about storage conditions

None.

8. Exposure controls and personal protection

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Additional information about design of technical facilities: No further data; see item 7. ☐ Ingredients with limit values that require monitoring at the work place: 2-butoxyethanol WEL Short-term value: 50 ppm Long-term value : 25 ppm ☐ Additional information : The lists valid during the making were used as basis for the selection of the protective equipment: ☐ General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. ☐ Respiratory protection : Not required ☐ Eye protection : Safety glasses ☐ Hands : Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. ☐ Material of gloves The material of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. ☐ Penetration time of vapour : The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. ☐ Eye protection : Safety glasses ☐ Protective work clothing

9. Physical and chemical properties

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General Information

| | |
|---|---|
| Form | Fluid |
| Colour | Yellowise / Clear |
| Odour | Characteristic |
| <input type="checkbox"/> Change in condition | |
| Melting point/Melting range | Undetermined. |
| Boiling point/Boiling range | 171°C |
| <input type="checkbox"/> Ignition temperature | 240°C |
| <input type="checkbox"/> Self-igniting | Product is not selfigniting. |
| <input type="checkbox"/> Danger of explosion | Product does not present an explosion hazard. |
| <input type="checkbox"/> Explosion limits | |
| Lower | 1.1 Vol % |
| Upper | 10.6 Vol % |
| <input type="checkbox"/> Vapour pressure at 20°C | 23 hPa |
| <input type="checkbox"/> Density at 20°C | 1.01 g/cm ³ |
| <input type="checkbox"/> Solubility in / Miscibility with water | Fully miscible. |
| <input type="checkbox"/> pH-value at 20°C | > 7 |

10. Stability and reactivity

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Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.-

Dangerous reactions No dangerous reactions known.

Dangerous decomposition products

Carbon monoxide and carbon dioxide.

11. Toxicological information

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Acute toxicity on the skin

Primary irritant effect:
No irritant effect.

| | |
|--|--|
| on the eye | No irritating effect. |
| Sensitization | No sensitizing effects known. |
| Additional toxicological information | The product shows the following dangers according to the calculation method of the General |
| Classification Guidelines for Preparations as issued in the latest version | Harmful |

12. Ecological information

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|---------------|---|
| General notes | Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground surface or sewage system. Danger to drinking water if even small quantities leak into the ground. |
|---------------|---|

13. Disposal considerations

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|------------------------------------|--|
| Product Recommendation | Must not be disposed together with household garbage. Do not allow product to reach sewerage system. |
| Uncleaned packaging Recommendation | Disposal must be made according to official regulations. |
| Recommended cleansing agents | Water, if necessary together with cleansing agents. |

14. Transport information

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☐ Land transport ADR/RID (cross-border) ☐ ADR/RID class : - ☐ Maritime transport IMDG: ☐ IMDG Class : - ☐ Marine pollutant : No ☐ Air transport ICAO - TI and IATA-DGR : ☐ ICAO/IATA Class : -

15. Regulatory information

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|---|--|
| Labelling according to EU guidelines | The product has been classified and marked in accordance with EU Directives / Ordinances. |
| Code letter and hazard designation of product | Xn Harmful |
| Risk phrases | 22 Harmful if swallowed. |
| Safety phrases | 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer) 36/38 Irritating to eyes and skin. 60 This material and its container must be disposed of as hazardous waste. |
| National regulations | |
| Water hazard class | Water hazard class 2 (Self-assessment): hazardous for water. |

16. Other information

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. ☐ Relevant R-phrases. 20/21/22 Harmful by inhalation, in contact with skin and if swallowed. 22 Harmful if swallowed. 36/38 Irritating to eyes and skin. 41 Risk of serious damage to eyes.

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